

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Edouard S.P. Bouvier, Randy E. Meirowitz and Patrick D. McDonald

Divisional Application of

Application No.: 10/235,608

Filed: September 5, 2002

For: Water-Wettable Chromatographic Media for Solid Phase Extraction

<p>Date: <u>7-9-03</u></p> <p>EXPRESS MAIL LABEL NO. <u>EV 215731174 US</u></p>

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement is submitted:

☐ under 37 CFR 1.129(a), or

(First/Second submission after Final Rejection)

☒ under 37 CFR 1.97(b), or

(Within any one of the following time periods: three months of filing national application (other than a CPA) or date of entry of the national stage in an international application; or before the mailing date of a first office action on the merits in a non-provisional application, including a CPA, or a Request for Continued Examination).

☐ under 37 CFR 1.97(c) together with either:

☐ a Statement under 37 CFR 1.97(e), as checked below, or

☐ a \$180.00 fee under 37 CFR 1.17(p), or

(After the 37 CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)

☐ under 37 CFR 1.97(d) together with:

☐ a Statement under 37 CFR 1.97(e), as checked below, and

☐ a \$180.00 fee under 37 CFR 1.17(p), or

(Filed after final action or notice of allowance, whichever occurs first, but on or before payment of the issue fee)

☐ under 37 CFR 1.97(i):

Applicant requests that the IDS and cited reference(s) be placed in the application filewrapper.

(Filed after payment of issue fee)

Statement Under 37 CFR 1.97(e)

- ☐ Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or
- ☐ No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Statement Under 37 CFR 1.704(d) (Patent Term Adjustment)

Applies to original applications (other than design) filed on or after May 29, 2000

- ☐ Each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.
- ☒ Enclosed herewith is form PTO-1449:
 - ☐ Copies of the cited references are enclosed.
 - ☒ Copies of cited references are enclosed except those entered in prior applications, U.S. Application No. 08/634,710 (AA-AI, AL-AM and AR-AX), U.S. Application No.: 09/374,945 (AJ-AK), U.S. Application No.: 09/643,094 (AA2) and U.S. Application No.: 09/874,763 (AB2 and AN2), to which priority under 35 U.S.C. 120 is claimed. [The earlier application contains copies of the cited references.]
 - ☐ The listed references were cited in the enclosed International Search Report in a counterpart foreign application.
 - ☐ The "concise explanation" requirement (non-English references) for reference(s) [] under 37 CFR 1.98(a)(3) is satisfied by:
 - ☐ the explanation provided on the attached sheet.
 - ☐ the explanation provided in the Specification.
 - ☐ submission of the enclosed International Search Report.
 - ☐ submission of the enclosed English-language version of a foreign Search Report and/or foreign Office Action.
 - ☐ the enclosed English language abstract.

☐ Applicant requests that the following non-published pending applications be considered:

Examiner's
Initials

____ U.S. Patent Application No. [], by [inventor(s)], filed [], Docket No.: []
____ U.S. Patent Application No. [], by [inventor(s)], filed [], Docket No.: []
____ U.S. Patent Application No. [], by [inventor(s)], filed [], Docket No.: []

Examiner

Date

- ☐ A copy of each above-cited application, including the current claims, is enclosed.
- ☐ A copy of each above-cited application, including the current claims, is enclosed, except those entered in prior application, U.S. Application No. [], to which priority under 35 U.S.C. 120 is claimed.

The Examiner is requested to return a copy of the above list of pending applications indicating which references were considered with the next office communication.

It is requested that the information disclosed herein be made of record in this application.

Method of payment:

- ☐ A check for the fee noted above is enclosed, or the fee has been included in the check with the accompanying Reply. A copy of this Statement is enclosed.
- ☐ Please charge Deposit Account 08-0380 in the amount of \$[]. A copy of this Statement is enclosed.
- ☒ Please charge any deficiency in fees and credit any overpayment to Deposit Account 08-0380.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By Jesse A. Fecker
Jesse A. Fecker
Registration No.: 52,883
Telephone: (978) 341-0036
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Concord, MA 01742-9133

Dated: 7-9-03

PTO-1449 REPRODUCED INFORMATION DISCLOSURE CITATION IN AN APPLICATION July 3, 2003 (Use several sheets if necessary)	ATTORNEY DOCKET NO. 1913.1002-009		APPLICATION NO. Divisional of 10/235,608	
	APPLICANT Edouard S.P. Bouvier, <i>et al.</i>			
	FILING DATE July 9, 2003		CONFIRMATION NO.	GROUP

U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL	REF. NO.	DOCUMENT NUMBER	ISSUE DATE / PUBLICATION DATE	NAME
	AA	5,071,565	12/10/91	Fritz and Sun
	AB	5,230,806	07/27/93	Fritz and Sun
	AC	4,297,220	10/27/81	Meitzner and Oline
	AD	4,383,124	05/03/83	Meitzner, <i>et al.</i>
	AE	4,184,020	01/15/80	Lim, <i>et al.</i>
	AF	3,822,530	07/09/74	Fuller, <i>et al.</i>
	AG	5,278,339	01/11/94	Cook
	AH	3,878,310	04/15/75	Field, <i>et al.</i>
	AI	3,954,682	05/04/76	Fein, <i>et al.</i>
	AI	5,976,367	11/02/99	Bouvier, <i>et al.</i>
	AK	5,882,521	03/16/99	Bouvier, <i>et al.</i>
	AA2	6,106,721	08/22/00	Bouvier, <i>et al.</i>
	AB2	6,254,780	07/03/01	Bouvier, <i>et al.</i>
	AC2	6,468,422	10/22/02	Bouvier, <i>et al.</i>
	AD2	20030042206 A1	03/06/03	Bouvier, <i>et al.</i>
	AE2			
	AF2			
	AG2			
	AH2			
	AI2			
	AJ2			
	AK2			
	AA3			
	AB3			
	AC3			

EXAMINER	DATE CONSIDERED
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FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO	
	AP	1 268 875	29-MAR-72	Great Britain		
	AM	0 021 817	07-JAN-81	EPO		
	AP	EP 0990667A2	05-APR-00	EPO		
	AO					
	AP					
	AQ					
	AL2					
	AM2					
	AN2					
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
AR	Sun, J.J. and Fritz, J.S., "Chemically modified polymeric resins for high-performance liquid chromatography," J. of Chromatography 522:95-105 (1990).	
AS	Dumont, P.J. and Fritz, J.S., "Effect of resin sulfonation on the retention of polar organic compounds in solid-phase extraction," J. of Chromatography A 691:123-131 (1995).	
AT	Patel, R.M., et al, "Polymeric solid phase extraction of organic acids," American Laboratory 22 (3): 92-99 (February 1990).	
AU	"Polymeric Columns for HPLC," Interaction Chromatography, Inc. Pg. 36 (Abstract) (1993).	
AV	"Solid Phase Extraction, Application Guide and Bibliography," eds. McDonald, P.D. and Bouvier, E.S.P., from Waters (Milford, MA) pps. 16-54 (1995).	
AW	Snyder, L.R. and Kirkland, J.J., "Introduction to Modern Liquid Chromatography," John Wiley & Sons, Inc. (Second Edition): 281-289 (1979).	
AX	Hackh's Chemical Dictionary, Fourth Edition, McGraw-Hill, 1972, p. 327	
AY		
AZ		
AR2		
AS2		
AT2		
AU2		
AV2		

EXAMINER	DATE CONSIDERED
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